

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A data processor, comprising:

a discrete operating device ~~for transmitting which transmits~~ identification data;
an operation detection device ~~to detect means for detecting and outputting an~~
~~operation of an operating device an input by an operating device;~~
~~a storage means for storing a first memory which stores~~ identification data;
a receiving device ~~to receive means for receiving~~ identification data;
~~transmitted from an operating device;~~
~~a second memory;~~
~~a determining device to determine means at intervals whether identification~~
~~data received by the receiving device matches the identification data stored in the first~~
~~memory, and updates data in the second memory with a latest determination result for every~~
~~determination; and for continuously determining whether identification data stored in said~~
~~storage means is received by said receiving means;~~
~~an authentication means for authenticating against said stored identification data~~
~~identification data determined by said determining means as having been received; and~~
~~a data processing device means which when the operation detection device~~
~~detects an input from an operating device, refers to a determination result stored in the second~~
~~memory, and if the determination result is affirmative, performs data processing~~
~~corresponding to the input detected by the operation detection device.~~~~for carrying out data~~
~~processing on the basis of a detection result of said operation detection in the case that a~~
~~positive result is obtained by said authentication means.~~

2. (Currently Amended) A data processor as claimed in claim 1, ~~wherein:~~

the first memory storing user data in addition to identification data; and said storage means is used to pre-store user data as well as said identification data;

the receiving device is activated if the operation detection device detects an input of data matching the user data stored in the first memory. said authentication means authenticates against said stored identification data identification data determined by said determining means as having been received after input of data the same as said user data is detected by said operation detection means;

3. (Currently Amended) A control method for a data processor, comprising:

a receiving step of receiving identification data transmitted from an operating device; in a receiving means;

determining at intervals whether the received identification data matches identification data stored in a first memory;

updating data in a second memory with a latest determination result for every determination; a determining step of determining continuously whether identification data stored in storage means is received in said receiving means;

an authenticating step of authenticating against said stored identification data identification data determined in said determining step as having been received; detecting an input by an operating device; a detection step of detecting an operation of an operating device; and

referring to a determination result stored in the second memory, in response to the input detection; and

performing data processing corresponding to the detected input, if the referred determination result is affirmative. a data processing step of carrying out data processing on the basis of a detection result of said detection step in the case that a result of said authenticating step is positive.

4. (Currently Amended) A control method for a data processor as claimed in claim 3, further ~~comprising comprising~~:

determining whether data matching user data stored in the first memory is input, a step of pre-storing user data in said storage means, said authenticating step comprising;

the receiving step being performed after it is determined that data matching the user data is input, authenticating against said stored identification data identification data determined in said determining step as having been received after input of data the same as said user data is detected by an operation detection means.

5. (Currently Amended) A control program product for causing a computer for to execute ing the processes of:

receiving identification data transmitted from an operating device in a receiving means;

determining at intervals whether the received identification data matches identification data stored in a first memory;

updating data in a second memory with a latest determination result for every determination; determining continuously whether identification data stored in a storage means is received;

authenticating against said stored identification data identification data determined in said determining step as having been received;

detecting an input by an operating device; detecting an operation of an operating device; and

referring to a determination result stored in the second memory, in response to the input detection; and

performing data processing corresponding to the detected input, if the referred determination result is affirmative. carrying out data processing on the basis of a detection

~~result of said operation detecting step in the case that a result of said authenticating process is positive.~~

6. (Currently Amended) A control program product as claimed in claim 5, wherein further causes the computer to execute determining whether data matching user data stored in the first memory is input, and for a computer further executing a process of pre-storing user data in said storage means, said authenticating includes; the receiving step is performed after it is determined that data matching the user data is input. authenticating against said stored identification data identification data determined in said determining process as having been received after input of data the same as said user data is detected by an operation detection means.

7. (Currently Amended) A computer-readable recording medium that has recorded recording a control program for causing a computer to execute; the processes of: receiving identification data transmitted from an operating device; in a receiving means; determining at intervals whether the received identification data matches identification data stored in a first memory; updating data in a second memory with a latest determination result for every determination; determining continuously whether identification data stored in a storage means is received; authenticating against said stored identification data identification data determined in said determining step as having been received; detecting an input by an operating device; detecting an operation of an operating device; and referring to a determination result stored in the second memory, in response to the input detection; and

performing data processing corresponding to the detected input, if the referred determination result is affirmative, carrying out a data processing on the basis of a detection result of said operation detecting process in the case that a result of said authenticating process is positive.

8. (Currently Amended) A computer-readable recording medium as claimed in claim 7, wherein said the control program for a further causing the computer further to executes determining whether data matching user data stored in the first memory is input, and a process of pre-storing user data in said storage means, said authenticating process comprising:

the receiving step is performed after it is determined that data matching the user data is input, authenticating against said stored identification data identification data determined in said determining process as having been received after input of data the same as said user data is detected by an operation detection means.